

NUCLEAR DIVISION NEWS

A Newspaper for the Employees of the Nuclear Division, Union Carbide Corporation

Volume 14/Number 21

October 20, 1983

UNION
CARBIDE

4-12 216818



401 (k) Opportunity available in January

A significant addition to the Union Carbide Savings Program will be made available beginning January 1, 1984, to employees with three or more years of credited service.

The addition, called the 401(k) Opportunity, is made possible by Section 401(k) of the Internal Revenue Code. The new plan is designed to help people save for their retirement years and, at the same time, reduce their current Federal Income Taxes.

Advantages of plan

Under the 401(k) Opportunity Plan, an employee may designate part of his or her pay (up to 7½ percent) to go by payroll deduction into **long-term** savings **before** Federal income tax is calculated; therefore, it will not be part of the employee's current taxable income. At the same time, the Company will continue to add 30 percent to the money (as has been done under the Savings Plan), and participating employees will have all of the advantages of a tax shelter that, under current law, qualifies for a special low tax rate on payout when participant's leave employment.

Employees may continue to participate in the plan after Carbide withdraws as contractor. Each of the three proposers has advised DOE of their intent to continue the program beyond April 1 if selected as the operating contractor.

Strict restrictions

Because of tax advantages on before-tax savings, the Government has placed strict requirements on withdrawals from a 401(k) account. According to the Government, the only allowable reason for withdrawal will be "financial hardship," which is to be defined by Government regulations that have not yet been issued. Indications are, however, that limitations will be very strict.

A brochure describing the 401(k) Opportunity will be mailed to all eligible employees within the next few days.

Forms will be available at facility Benefit Plans Offices for employees who elect to save through the 401(k) plan. For deductions to begin in January, completed forms must be received in Benefit Plans by December 1.

OVER THE ONE-MILLION-DOLLAR MARK IN UNITED WAY DONATIONS-- Nuclear Division employees at ORGDP, ORNL and Y-12 have just completed a record-breaking drive by making contributions exceeding one million dollars. From left to right, are Cindy H. Jordan, Fusion Energy Division coordinator; William H. Dodson, general campaign chairman for the Nuclear Division; and Thomas E. Douglass, general campaign chairman-elect for 1984. They are shown with the employee solicitor cards, which reflect the many pledges and donations that made this year's unprecedented total possible.

United Way employee donations surpass one-million-dollar mark

United Way contributions from employees at the Oak Ridge facilities have surpassed the one-million-dollar mark with a total of \$1,029,030. The campaign officially ended October 7.

"This tops last year's total, when ORGDP, ORNL and Y-12 employees contributed \$955,639. We'd like to congratulate these employees for making this year's United Way drive our first one to exceed one million dollars," said William H. Dodson, general campaign chairman.

The drive began September 12, with donations surpassing the three-plant goal of \$977,368. Employees attained 105 percent of the three-plant goal, and each facility also exceeded its individual goal.

The Paducah Plant campaign, which began a week after the Oak Ridge drive, was concluded October 14. Initial reports indicate that PGDP employees have contributed \$76,300, or 97 percent of the goal. This brings the total Nuclear Division employee contribution to \$1,105,330.

Two milestones were attained at ORNL this year, according to Bob Sherlin, treasurer of the

Laboratory campaign. "Each division exceeded 100 percent of its goal, allowing ORNL to reach a record 109 percent of its \$380,144 goal, with \$414,537 in contributions. These accomplishments speak well of the employees' attitudes toward helping others," said Sherlin.

During the campaign, employees at the Oak Ridge facilities were asked to designate counties to benefit from their donations. Contributions are made through Union Carbide's payroll-deduction plan or by giving cash. Cash contributions totaling \$32,255 were received this year.

Donations are divided among area counties covered by the payroll-deduction program. Of the \$1,029,030 raised, United Way programs in these 12 counties will receive the following approximate amounts: Anderson, \$461,300; Knox, \$304,400; Roane, \$151,300; Loudon, \$47,000; Morgan, \$36,000; Blount, \$12,700; Campbell, \$6,000; Cumberland, \$2,200; Hamblen, \$800; McMinn, \$1,300; Monroe, \$3,100; and Rhea, \$600. Contributions of about \$500 also have been designated for other counties in Tennessee.

In this issue...

Nuclear Division employees and family members participating in the annual Foothills Craft Guild Fall Show are featured on page 4.

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Charles F. Phillips Jr. dies September 15



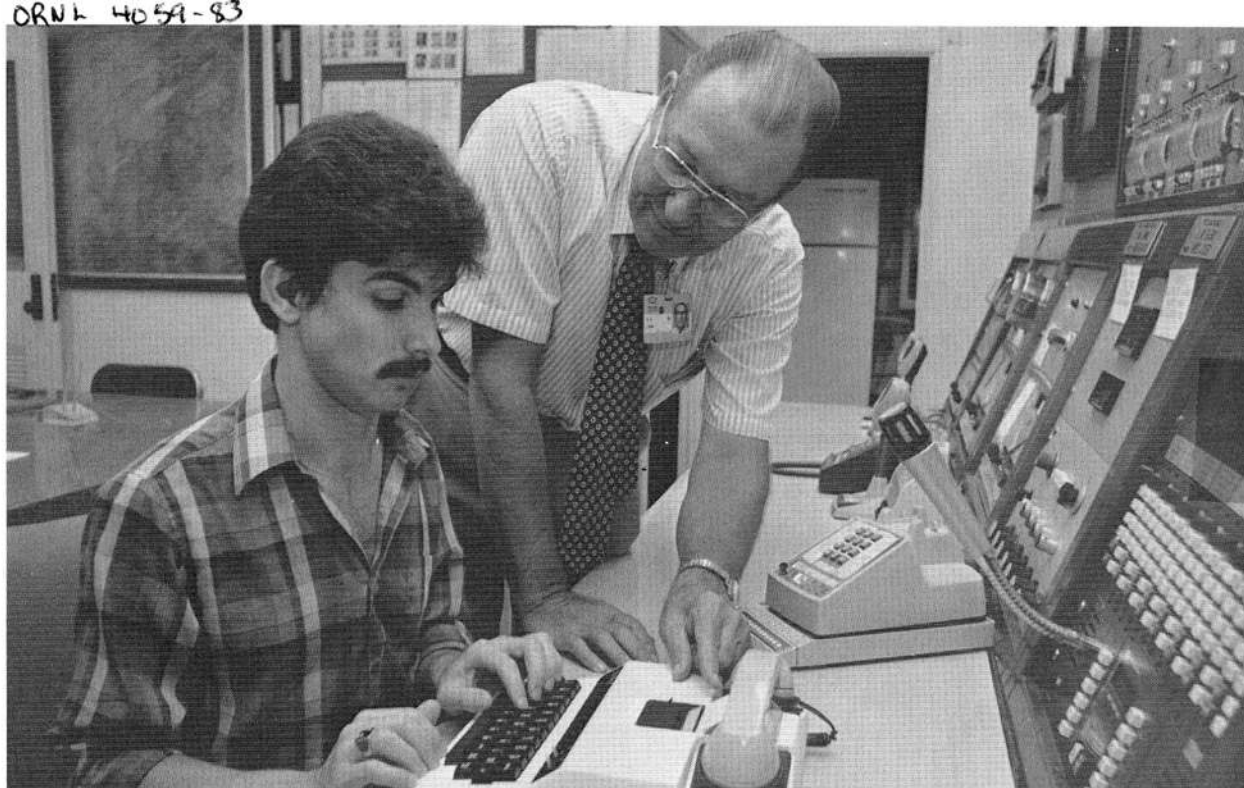
Mr. Phillips

Charles Franklin (C.J.) Phillips Jr., an instrument mechanic in the Maintenance Division at ORGDP, died September 15. He had been employed in the Nuclear Division since 1974.

Mr. Phillips is survived by his wife, Libby Stafford Phillips, Pine Circle, Clinton; a son,

Tony Phillips, of the home; his mother, Lucy Brooks Phillips; twin brothers, Ronnie and Donnie Phillips; and three sisters, June Hampton, Shirley Busby and Janet Holbrook, all of Clinton.

Funeral services were held in the chapel of Weatherford Mortuary. Graveside services were conducted at Anderson Memorial Gardens.



NEW TTY AT ORNL — David Bennett (foreground), a deaf employee in ORNL's Computer Sciences Division, uses the new teletypewriter (TTY) recently placed in the office of Grover Cain (standing), ORNL's shift superintendent. The portable printer allows the deaf or hearing-impaired to receive or send information via a telephone using visual display on a 20-character screen and printed copy, if desired. Cain's office provides 24-hour, seven-days-per-week service for deaf employees who need to make official business or personal calls, providing them the same opportunity as hearing persons.

Conserve Energy by Sharing the Ride

ORNL

VAN POOL RIDERS NEEDED (room for two) from West Knoxville (Cedar Springs Shopping Center, Cedar Bluff, Middlebrook Pike, Vanosdale Road, Cloth World, Kingston Pike) to any portal except South, 8-4:30. Leon, plant phone 4-5723; home phone 693-3211.

BUS POOL MEMBERS NEEDED from the Burlington Area, Asheville Highway, heading in the direction of I-640, stopping at Broadway and Tazewell Pike. The next stop is Papermill and Weisgarber, then to Cloth World on Kingston Pike. The next stop, via Kingston Pike, is Lovell Heights Shopping Center, then on via Pellissippi Parkway to all portals, 8-4:30. P.R. Long, plant phone 4-4154; or Twana Taylor, 4-7281.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

VAN POOL RIDERS NEEDED from East Knoxville—down Middlebrook Pike, Cedar Bluff and back down Middlebrook Pike to Pellissippi Parkway to East and West Portals, 8-4:30 shift. A.J. Boatwright, plant phone 4-6041; home phone 970-4231.

CAR POOL MEMBERS NEEDED from Louisiana Avenue area, Oak Ridge, to any portal, 8-4:30. Frank

Foust, plant phone 4-6056; home phone 483-0350.

BUS POOL RIDERS NEEDED from Maryville via Highway 95, with stops in Lenoir City. Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

Y-12

CAR POOL MEMBERS NEEDED from Beaver Ridge United Methodist Church parking lot, Oak Ridge Highway, to North Portal, 8-4:30. Bob Cooper, plant phone 4-3430; home phone 691-8411.

VAN POOL RIDERS NEEDED from Lake City and Clinton, 8-4:30. Joe Foust, plant phone 4-5889; home phone 426-2947.

BUS POOL RIDERS NEEDED from Knoxville, I-40 at Alcoa Highway (Expo Inn), 8-4:30. Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

CAR POOL MEMBERS NEEDED from Cedar Bluff/Middlebrook Pike area to Bear Creek Portal, 8-4:30. Gerald Russell, plant phone 4-3658; home phone 691-3475.

RIDE NEEDED from Sutter's Mill Apartments area, West Knoxville, to West or Central Portal, 8-4:30. Larry Belle, plant phone 4-3352.

CAR POOL MEMBER NEEDED from Blaine area to Y-12, any portal, day shift. Linda, plant phone 6-4940; home phone 933-4862.

VAN POOL RIDERS NEEDED from Andersonville, Norris and Clinton to any portal, 8-4:30. Charles Knowles, plant phone 4-2628; home phone (Norris) 494-9563.

RIDE NEEDED from Downtown West/West Town area to East Portal, 8-4:30. Vanessa Black, plant phone 4-0050; home phone 693-5045.

NEED TO JOIN OR FORM CAR POOL from Cedar Lane area, Knoxville, to Central or North Portal, 8-4:30. George Dykeman, plant phone 6-4927; home phone 687-6657.

ORGDP

CAR POOL MEMBERS WANTED from Farragut to Portals 3, 2 and 8, day shift. Don Muldrew, plant phone 6-0353; or Lonnie Holleman, 4-9048.

CAR POOL MEMBERS WANTED from Karns Community to Portals 3 or 5, day shift. Tom Lemons, plant phone 4-8159; or Loren Lund, 6-2311.

CAR POOL MEMBERS WANTED from east end of Oak Ridge to any portal, day shift. Doug Janney, plant phone 4-9448; home phone 483-1619.

CAR POOL MEMBERS WANTED from Cedar Bluff Shopping Center to Portal 2, day shift. Frederick Markham, plant phone 6-2504, home phone 691-3067; Roy Munsey, 4-7903 or 693-0130.

RIDE NEEDED from Rockwood Area to Portal 2, day shift. Mike Garrett, plant phone 4-7903; home phone 354-2348.

CAR POOL MEMBER NEEDED from West Town Mall to Portals 1,2 or 4, day shift. George, plant phone 6-0506; home phone 690-6856.

RIDE NEEDED from Bruner Shopping Center in Oak Ridge to Portals 2 or 4, day shift. Marvin Kerley, plant phone 4-8850; home phone 483-5814.

RIDE NEEDED from Eaton's Crossroad in Lenoir City to Portals 2,3 or 4, day shift. Margaret Pickell, plant phone 4-9170; home phone 986-3639.

CAR POOL MEMBER NEEDED from Farragut Area to Portal 2, day shift. Nancy Buttner, plant phone 4-9128, home phone 966-4599, or Bob Mikkola, 4-8068 or 966-0519.

CAR POOL MEMBERS NEEDED from Cumberland Estates/West Haven Area to Portal 3, day shift. Scott Woods, plant phone 6-7816; home phone 588-9456.

UNION
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Nuclear Division News

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NUCLEAR DIVISION
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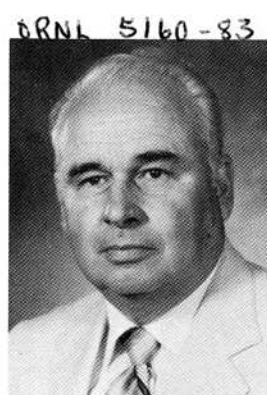


Jerry Hall of ORGDP's Finance,
Materials and Services Department.

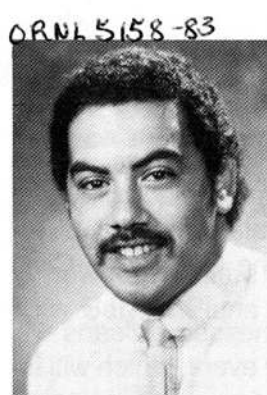
Community Service Award recipients active, committed



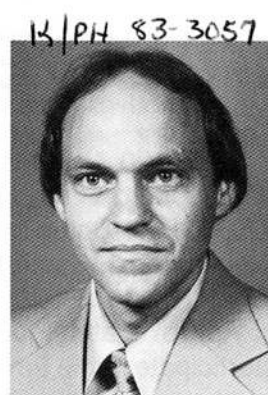
Chandler



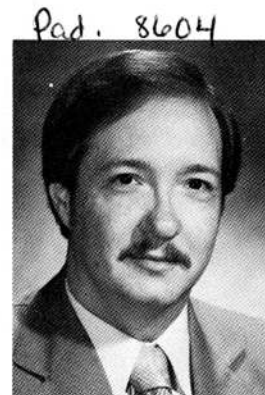
Dailey



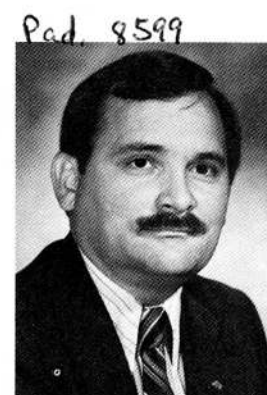
Ewing



Feltz



Forbis



Ford

(Editor's note: Ten more Nuclear Division recipients of Union Carbide Community Service Awards are profiled in this issue. The winners are being honored at special ceremonies this month for their participation in "voluntary, uncompensated activities that benefit their communities." They were nominated by Nuclear Division employees and selected by committees at each facility composed of Carbide and community representatives. Information on the remaining 17 recipients will appear in upcoming issues of Nuclear Division News.)



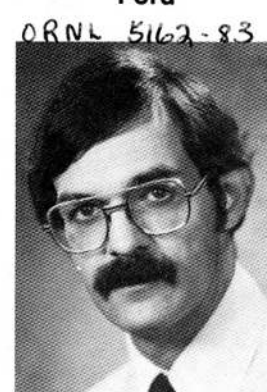
Freels



Graham



Griffin



Inman

Melvin L. Chandler, Y-12—Chandler has been active in the American Radio Relay League (ARRL) and the Amateur Radio Emergency Services (ARES) group for the past six years, having served as the ARRL's state emergency coordinator for Tennessee for nearly two years. He also organized the East Tennessee Hospital Network, which provides emergency communications for 22 area hospitals through a system of amateur radio repeater stations. Chandler, who lives in Rockwood, also has worked to upgrade the Tennessee ARES program by enlisting emergency coordinators for each county and by helping to increase involvement in the annual Simulated Emergency Test. He is a work processing center supervisor in Y-12's Maintenance Division.

Joe M. Dailey, ORNL—Joe M. Dailey has been involved in service to the Lion's Club in Karns Community for the past 25 years. He has just completed a term as club president, has served as first and second vice president and director, and was named "Lion of the Decade." Dailey is chairman of the Karns Lions Community Park Board, with administrative responsibilities for operation of the swimming pool and other facilities. He has been instrumental in the drive to build a community football field, fieldhouse and bleachers, and helped organize a fund-raising tractor pull. Dailey, a Knoxville resident, also has been involved in supplying holiday food baskets to needy persons. He is a science technologist in the Operations Division at ORNL.

Paul D. Ewing, ORNL—Ewing is involved in several community service organizations in the Oak Ridge area. He is a football coach for the Oak Ridge Boys Club and serves on the board of directors of the Oak Ridge Mental Health Association. Ewing is active in the Scarboro Community Center and chaired its 1983 "Fun-in-the-Sun Day" activities designed to improve relations between the community and the rest of the city. He is a member of the NAACP, the Coalition for Concerned Citizens, the Southeastern Consortium of Minority Engineering Students and the Oak Ridge Sportman's Club. Last year Ewing, who lives in Oak Ridge, helped organize a trip for underprivileged youth to Washington, D.C. He is a development associate in the ORNL Instrumentation and Controls Division.

Keith S. Feltz, ORGDP—Feltz has been involved with the Boy Scouts of America, the Prisoners' Aid Society and the St. Mary's Social Action Committee.

He has helped organize relief programs for impoverished areas and support projects for the Woodland Community Land Trust. Feltz is involved in several young-adult and youth groups and helped coordinate a potluck meal program for senior citizens. A member of Juvenile Home Detention of Anderson County, he has served as a chaperone for youth work camps. Feltz, who resides in Oliver Springs, also is involved in social work and counseling for individuals. He is an engineer in the Maintenance Division at ORGDP.

David L. Forbis, PGDP—Forbis has been active in the Paducah-McCracken County Disaster and Emergency Services (DES) and the Boy Scouts of America. During his seven years of involvement in DES, he has been a lieutenant, has helped provide transportation and other assistance during several natural disasters and has helped develop the training manual of radio communication currently used by the organization. He also is a certified Emergency Medical Technician. Forbis has served as chief advisor for a local Explorer Scout post, arranging training in first aid, CPR and rappelling. A resident of Paducah, he is an operator in the Cascade Operations Division at PGDP.

Edwin W. Ford, PGDP—Ford has been involved in the Boy Scouts of America, Four Rivers Council, for the past 13 years. He has served as troop assistant scoutmaster and scoutmaster and led two Council outings to Philmont Ranch in New Mexico. He currently chairs the Council's 1984 Philmont Scout Ranch High Adventure Committee. Ford also serves as troop leader for a 1984 National Honor Troop. In recognition of his contributions, which include assistance in the development of 11 Eagle Scouts, the Council presented Ford its highest honor, the Silver Beaver Award for distinguished service. Ford, who is supervisor of the engineering section in the PGDP Engineering organization, lives in Paducah.

James W. Freels, Y-12—Freels has been involved in the Area V Special Olympics, the Oak Ridge Baseball Association and the Jaycees during his eight years of community service. He has served as set-up chairman and meet co-director for the Special Olympics and has been involved with the Oak Ridge Baseball Association for the past three years. Freels has served as state fund-raising chairman for Camp Jaycee (now Camp Discovery) and as state chairman for Leadership in Action. He has

served as president of the Oliver Springs Jaycees, as district director of the Tennessee Jaycees, and was named to the Jaycee International Senate. A classification analyst in Y-12 Classification and Information, Freels lives in Oak Ridge.

Ronald J. Graham, Y-12—During his 17 years of community service, Graham has been involved in programs of the Boys Club, Junior Pro basketball and the Girls Club. He has served as a volunteer coach and instructor at the Boys Club, with involvement in both basketball and football. He was instrumental in organizing and sponsoring a Junior Pro basketball team from the Oak Ridge area and has coached the team for two successful seasons, including two second-place finishes in the "Kentucky-Tennessee Shootout." Graham, who also has worked with young people at the Oak Ridge Mental Health Center, is a records clerk in Y-12's Finance, Materials and Services Division. He lives in Oak Ridge.

Paul M. Griffin, ORNL—Griffin, who has been involved in community service activities for 30 years, has served in various leadership roles with the 7th Step Foundation, which promotes the rehabilitation and remotivation of prisoners. He currently serves as chairman of the Foundation's International Executive Committee and International Board of Governors. Griffin, who lives in Oak Ridge, meets each week with inmates at two area prisons for pre-release and remotivational classes. He also is an instructor in a remotivational program for prisoners. Griffin is involved with Recording for the Blind, the credit committee of the Y-12 Credit Union, the PTA, the Boys Club and the Boy Scouts of America. He is a research associate in the ORNL Physics Division.

Gary D. Inman, ORNL—Inman, who has been involved in service to the community for 20 years, currently is assistant fire chief of the Norris Volunteer Fire Department. He has trained most of the unit in emergency first aid and implemented upgraded systems in communications and "quick response" medical service. Inman planned and helped coordinate the first Regional Firefighters' Competition, held earlier this year in Norris. He has trained some 400 persons in CPR and first aid. Inman, who resides in Norris, received a special award from the city in 1980 for administering emergency first aid to a police officer injured by a package bomb. Inman is an instrument technician in the Instrumentation and Controls Division at ORNL.

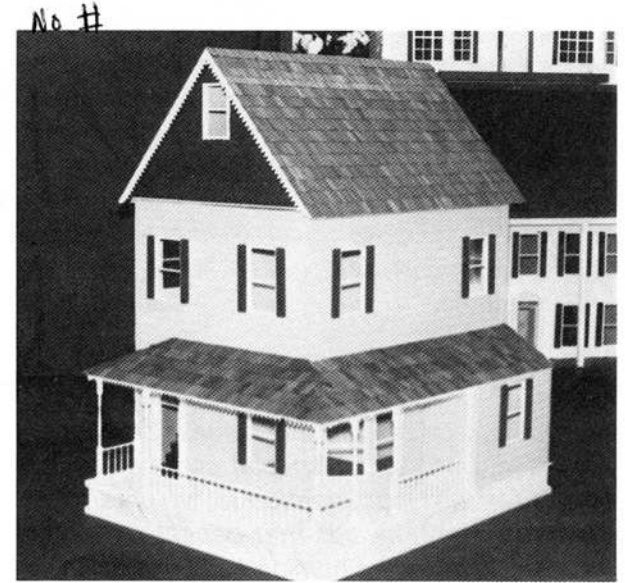
Division employees, families involved in Craft Guild Show

Some 20 Nuclear Division families will be represented at the 17th Annual Foothills Craft Guild Fall Show and Sale, scheduled for November 4, 5 and 6 at the Oak Ridge Civic Center.

Approximately 100 Tennessee artisans will participate in the three-day event, which will include craft demonstrations such as spinning and weaving.

Nuclear Division participants

The following Nuclear Division employees and family members will participate and display their work: Barbara (Mrs. Christopher) Cirno, stuffed toys; Everett Bloom, cabinet making, wood inlay and turnings; Nancy (Mrs. David) Braski, needle weaving and baskets; Dick Busey, furniture making and woodturning; Jean (Mrs. Thomas) Cole, pottery; Larry Comeaux, carved pipes; George and Judy Kidd, toys and ornaments; Eun Sook (Mrs. Hee J.) Kim, pottery; Gayle (Mrs. Doug) Lowndes, loom weaving; Nancy (Mrs. Lowell) McCauley, needlepoint and natural-material wreaths; Jude (Mrs. Don) Martin, soft sculpture and wearables; Barbara (Mrs. William) Pullen, leatherwork and quilting; David Sampson, doll houses; Herman Weeren, crystalline glazes, and his wife, Fran, pottery.



David Sampson's doll house

Three Nuclear Division retirees also will participate. Tom Fowler, a new Guild member, makes classical guitars, and Vern and Helen Raaen make edged tools, cutting boards and jewelry.

Show hours will be from 10 a.m. to 9 p.m. November 4; from 10 a.m. to 7 p.m. November 5; and from noon to 6 p.m. November 6. A single ticket admits the bearer to all three days of the event.



Gayle Lowndes - tapestry weaving

Paducah Plant to hold photography contest

The deadline for entries in this year's PGDP photography contest is Friday, November 11. Photos should be submitted to the Recreation Office, C-100. All employees and their family members are eligible to enter, but winning photos from previous plant contests may not be submitted.

First-, second- and third-place awards will be presented in the following categories: "people," "places," "things," and "open." A best-of-show award also will be given.

A participant may submit as many entries as desired but is eligible to win only one place per category. Only white mount board (available in the Recreation Office) may be used. For more information on contest rules or mounting procedures, call Jim Goforth, Bell 430; or Ron Charlton, Bell 349, PAX 383.

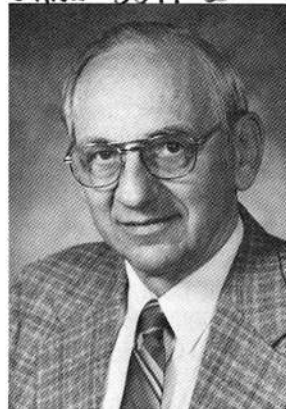
PGDP employees to collect in 'cash for trash' program

During the first two weeks in November, Paducah Plant employees will be collecting litter in a "cash for trash" program. Some 340 coupons worth a total of \$250 will be randomly attached to pieces of trash on the Plant grounds. Any employee who picks up a piece of litter with a coupon attached may turn it in for cash.

The coupons, valued at \$5, \$1 and 50 cents, will be distributed proportionally throughout the Plant, according to the number of employees in each area. Coupons, along with the attached trash, may be redeemed in the C-300 Shift Superintendent's Office through December 1.

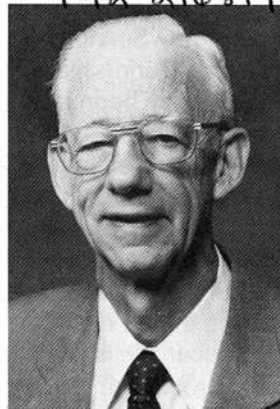
Company Service Anniversaries

ORNL 5377-83



Ernest M. Lees
Engineering Technology
ORNL
40 years

Y-12 216819



Ralph L. Wilson Jr.
Nuclear Division
Employee Relations
40 years

20 YEARS

William T. Smith and Willard D. Puett.

PADUCAH

30 YEARS

Charles H. Brown, Eugene Stallons and Lelon M. Farley, Electrical Department; and Mary C. Dawes, Operations.

ORGDP

35 YEARS

Jesse A. Duff, Accounting.

30 YEARS

Henry M. Noritake, Operations, Analysis & Planning; Walter T. Carter, Accounting.

20 YEARS

Robert M. Schilling Jr. and Loretta P. Scott.

Y-12

40 YEARS

Jay O. Stephens and Grace A. Boyd, Metal Preparation.

35 YEARS

Thomas B. Hendrix, Maintenance; and Lonnie L. Bailey, Fabrication.

30 YEARS

Leon M. Bray, Industrial Engineering; Alfred R. McConkey, Finance, Materials and Services; Thomas W. Compton Jr., Fabrication; and Jimmie J. Turner, Engineering.

25 YEARS

Albert J. Parks, Walter L. Arnold, Arthur D. Nine, John S. Cobb, Wayne M. Silver and Bernie W. West Jr.

ORNL

35 YEARS

Myron F. Fair, Industrial Safety and Applied Health Physics.

30 YEARS

Gerald F. Johnson, Plant and Equipment; Clyde E. Greenway, Plant and Equipment; Cleave C. Brooks, Plant and Equipment; Inez W. Hodge, Chemistry; Donald D. Pair, Analytical Chemistry; Hurchel W. York, Plant and Equipment; Roy L. McKinney, Instrumentation and Control; and Alfred M. Perry Jr., Energy.

20 YEARS

Robert N. Hamm.

Matching Gifts Program change announced

Beginning November 1, employees who contribute to an accredited college or university under Union Carbide's Matching Gifts Program must be affiliated with that institution.

To be eligible to participate, employees or members of their immediate families (spouses or children) must have received a degree from, attended, or currently attend the institution, or

they must have been or presently be a member of its administration, faculty or governing board.

Under the program's basic provision, an employee may contribute between \$50 and \$1,000 per year to an accredited college or university, and the Corporation will match the gift.

A new form will be available November 1 at facility Benefit Plans Offices.

Question Box

How are Planner - Estimators selected?

QUESTION: Almost all the Planner-Estimators in the past years have been selected from the hourly craftspersons in ORNL's Plant and Equipment Division. Recently, the company offered a Planner-Estimator's job to a weekly salaried person in the Chemical Technology Division. I understand that the company's method for selecting craft supervisors is for the individual selected to first become a Planner-Estimator. If this route to promotion is true, where is the opportunity for the craftsperson to advance to a salaried job at ORNL? Were any hourly personnel interviewed for the Planner-Estimator job posted in June 1983?

ANSWER: The job of Planner-Estimator is a weekly, nonexempt job at ORNL and, as such, is covered by the Job Opportunity System (JOS). JOS jobs are listed for bidding by weekly, nonexempt employees who have first priority. If no qualified weekly bidder is found, employees on the hourly payroll may then be interviewed. This procedure is similar to the job bidding rights bargaining unit employees have to bargaining unit jobs.

In this case, a qualified, weekly, nonexempt bidder was selected to fill the Planner-Estimator position. There is no requirement that a craft supervisor first be a Planner-Estimator.

Rowena Chester appointed ORNL section head

Rowena O. Chester has been appointed head of the technology assessments section of the Health and Safety Research Division at ORNL. She succeeds Paul S. Rohwer, who recently was appointed to head the Health Physics Department in ORNL's Industrial Safety and Applied Health Physics Division.

The technology assessments section develops methods to predict the movement of radionuclides pollutants through the environment and their potential effects on man. Radiological assessment models it has developed are widely used by government agencies, research institutions and private industry in the United States and abroad. The section also operates a fully instrumented mobile pollutant measurement station and the Health Physics Research Reactor for studies in radiation dosimetry, radiobiology, biomedicine and related fields.

Chester, who received a bachelor's degree in engineering physics from Cornell University and a PhD in physics from the University of Tennessee, joined Union Carbide in 1958 to conduct research into radiation effects. She is program manager for the Division of Health, Siting and Waste Management, Office of Nuclear Regulatory Research, under the Nuclear Regulatory Commission's Program Office at ORNL, and is editor of the environmental effects section of the journal *Nuclear Safety*.

Chester is a member of the American Nuclear Society, the American Physical Society, the



ORNL 4879-83
Chester

American Ordnance Association, the Society of Women Engineers, Sigma Xi, the American Audubon Society and the American Forestry Association. She lives near Clinton. She has a son and a daughter.

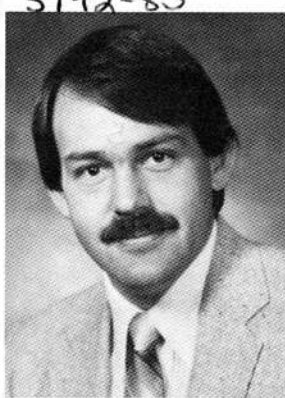
Taylor named manager in ORNL Operations

Robin D. Taylor, formerly quality assurance coordinator in the Operations Division at ORNL, has been named manager of the division's Physical Examination Hot Cells.

Taylor will be responsible for the operation of the shielded remote-handling facilities of the High-Radiation Level Examination Laboratory and three other ORNL facilities used for destructive and nondestructive examination and testing of materials to determine the effects of radiation on their physical characteristics.

A native of Rome, Ga., Taylor received a bachelor's degree in chemical engineering in 1976 and the master's degree in metallurgy in 1979 from the Georgia Institute of Technology. He joined ORNL's Solid State Division in 1978 as a development associate in the Isotope Research Materials Laboratory.

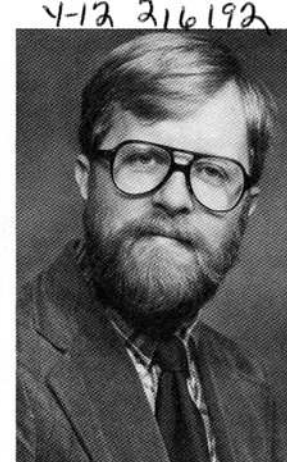
He and his wife, Joan, live in Farragut.



Taylor



Layman



Etheridge

Layman, Etheridge named to new posts

Two section heads have been appointed in the Technical Application organization of Computer Sciences. L.R. Layman has been named supervisor of the research support systems section in the Special Computing Systems Department; and Young H. Etheridge is head of the networking and security systems section.

Layman

A native of Newport, Layman received his BS and MS degrees in electrical engineering from the University of Tennessee, where he was a member of Eta Kappa Nu honorary society. Since joining the Nuclear Division in 1967 as a computing specialist, he has worked at ORGDP, Y-12 and ORNL in a variety of program assignments.

Layman is a member of the Institute of Electrical & Electronics Engineers (IEEE). He, his wife, Rita, and their daughter live on Williams Ferry Road in Lenoir City.

Etheridge

Etheridge was born in Monticello, Ark. He received a BA degree in mathematics from the University of Arkansas and an MA from the University of Alabama in Huntsville. He is currently working on his PhD in mathematics at the University of Tennessee.

Etheridge joined Computer Sciences at ORNL as a computer specialist in 1978 and has also worked at ORGDP and Y-12.

Etheridge is a member of IEEE, the Association for Computing Machinery, American Mathematical Society, Society for Industrial and Applied Mathematics, and the Mathematical Association of America. He and his wife, Katherine, have four sons and two daughters. They live on Outer Drive in Oak Ridge.

Energy - saving tips...

To save energy in the office:

- (1) Keep office and work-area walls light and uncluttered to reduce lighting requirements.
- (2) Use natural lighting whenever possible.
- (3) Don't burn lights merely to grow plants!
- (4) Keep windows closed during the heating and cooling seasons.
- (5) Use window blinds to help regulate room temperature--open them to let in warming sun when desired; close them when not desired.
- (6) Turn off lights when you are temporarily out of the office.

Nuclear Division bowling news

UCC Mixed . . .

The Scalawags are tied with the No-Names, followed by the Pacesetters and Friskies in UCC Mixed League action. High game scores were posted by John Prazniak, 262; and Ellen Queener, 281; and series leaders were Ernest Wilkerson, 687; and Ellen Queener, 709.

Carbide Wednesday Men's . . .

The ???'s hold the lead in the Carbide Wednesday Men's League, trailed by the Operators and Alley Rads. High individual series was posted by Roy Dukes, 644, 680 scratch and handicap series; and Larry Anderson scored a 230, 250 scratch and handicap game.

K-25 Tuesday . . .

In K-25 Tuesday League, the City Slickers hold the lead, followed by Road Runners and Double X. L.E. Hart and J.L. Hengstler tied for high scratch with 560; and J.H. Peer posted a 280 scratch game.

Union Carbide Monday Mixed . . .

The Pacesetters won the lead in Union Carbide Monday Mixed League action, followed by Charlies Angels and Omegas. Lester Walton scored a 240 and Jenny Saffell, 216, as high game rollers; and high series scores were posted by Rudolph Long, 586, and Mary Johnson, 549.

KYX Men's . . .

The Hi Rollers gained the lead in KYX Men's League play, trailed by the Limits and Challengers. John Leatherwood rolled 286 and Dave Cardwell had high handicap series with 721.

ORGDP Women's . . .

The Bowling Acres captured the lead, followed by the Mousechasers and Spotters in the ORGDP Women's League. Jennie Saffell rolled high scratch game and series 212, 556; and Mary Hawkins posted high handicap game, 261.

Carbide Family Mixed . . .

The High Rollers gained the lead, followed by the Hits & Misses and Rowdy Rollers in Carbide Family Mixed League action. David Foster posted high scores with 297, 732, high game and series; and Shelia Cooper led women's highs with 226 and 621.

Oak Ridge turkey shoot fall schedules announced

The 1983 schedule for Oak Ridge turkey shoots, held at the Oak Ridge Sportsman's Association, includes the following dates:

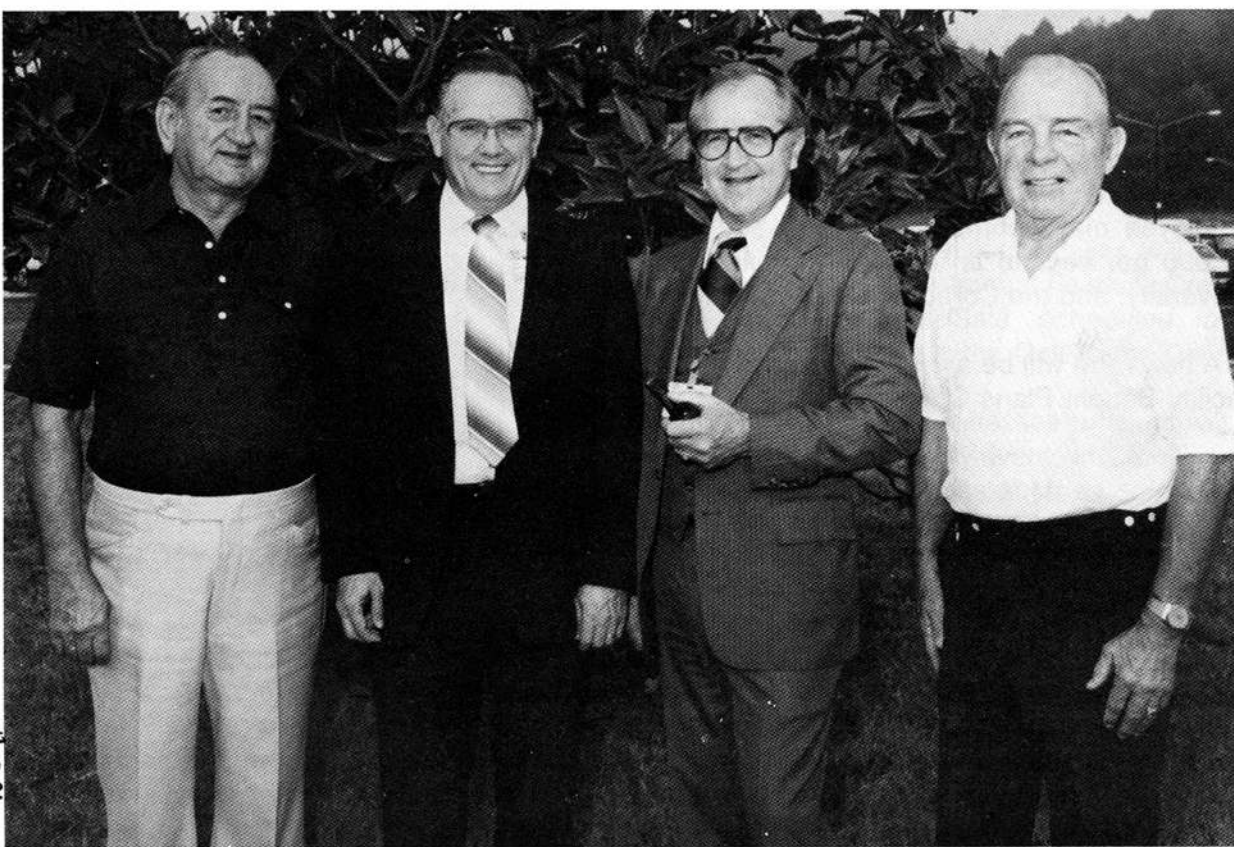
October 22, 9 a.m.-noon, Y-12 "A" Shift; **October 29**, 9 a.m.-noon, Y-12 "C" Shift; **November 4**, 8 a.m.-noon, ORNL "D" Shift; **November 5**, 9 a.m.-noon, Y-12 "B" Shift; **November 11**, 9 a.m.-noon, ORNL "C" Shift; **November 12**, 9 a.m.-noon, ORGDP "A" Shift; **November 18**, 8-10 a.m., ORNL "B" Shift; **November 18**, 10 a.m.-12:30 p.m., ORNL "A" Shift; **November 19**, 9 a.m.-noon, Y-12 "A" Shift; **November 26**, 9 a.m.-noon, Y-12 "C" Shift; **December 10**, 9 a.m.-noon, ORGDP "A" Shift.

Paducah Plant schedules October turkey shoots

The PGDP turkey shoot will be held October 27, 28 and 29 at the traditional spot at the corner of Hobbs and Woodville Roads. Guns and shells will be provided, and winners will receive a \$10 gift certificate from Jimmy's Market.

Next issue . . .

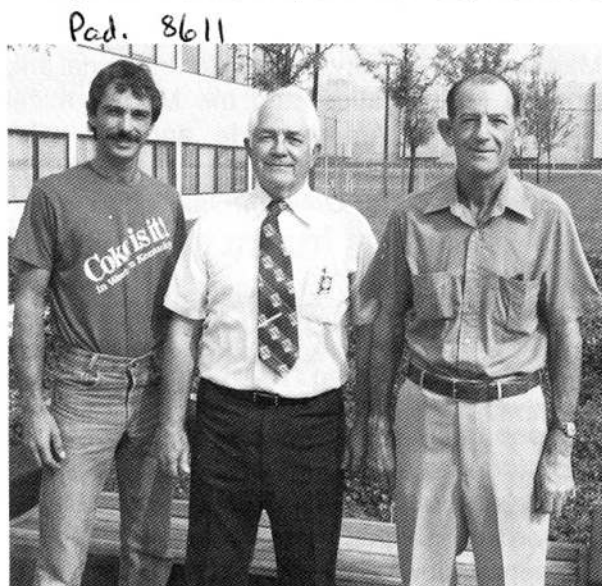
The deadline for the next issue of *Nuclear Division News* is Tuesday, October 25. The issue will be dated November 3.



LEAGUE CHAMPIONS— Winners of the 1983 golf championship of the Dead Horse Lake Golf League include, from left, Joe Pryson, Bill Butturini, Harold Alvey and Walt Sherrod.



GOLF RUNNERS-UP— Second-place finishers in the Dead Horse Lake Golf League include, from left, Pete Doberstein, J.D. Francis, Frank Clayton, John Griffin and Tom Webber.



PADUCAH GOLF CHAMPS—The "Long Knockers," the only team in the PGDP men's golf league to score over 500, captured the season championship. Members include, from left, David Sanderson; Chuck Turok, captain; and Manley Fortune (retiree).



WOMEN'S CHAMPIONS— Winners in the PGDP women's golf league include, from left, Laurretta Hollis, Linda (Mrs. Phil) Spees, Deb Blagg and Anne Erwin.



Cliff Simmons

PGDP's Cliff Simmons becomes Plant 'farmer'

Last fall, Cliff Simmons began thinking about ways to control erosion in the area surrounding the Paducah Plant landfill. He didn't know he was about to become a farmer.

As supervisor in the Materials Disposal Department at PGDP, Simmons had responsibility for the landfill. Although the landfill itself was in good shape, the land around it was overgrown, so Simmons decided to give it a facelift. He and a crew from Materials Disposal re-excavated the land and changed the route of a creek running through the area to prevent it from eroding the soil. But even after the creek was redirected, erosion was still a problem.

To hold the ground in place, Simmons planted clover, rye and fescue. He also requested some wheat seed from the Kentucky Game Preserve, which owns part of the land surrounding the Plant. He received not only the seed, but also the loan of a heavy disk to break up the earth. By November, wheat was sprouting up across nearly 16 acres.

Wheat grows quickly and makes good ground cover, in addition to its other uses. In July, when the wheat was ready for harvesting, Game Preserve representatives brought a combine to the landfill and harvested 200 bushels of grain. This fall, the wheat is being used to provide winter feed for deer and other wildlife living in the area around the Plant.

ORNL blood drive schedule

A schedule has been announced for the Medic blood drive at ORNL, set for October 25-27 in Building 2500. Hours for the drive are: October 25, 8 a.m. to 5:30 p.m.; October 26, 6 a.m. to 6 p.m.; and October 27, 8 a.m. to 5:30 p.m. Walk-in donors are welcome.

Engineering promotes Ryan, Queen

Ted L. Ryan has been appointed manager of General Mechanical Engineering in the Mechanical Engineering organization of Nuclear Division Engineering. Charles C. Queen Jr. has been named head of the Mechanical Technology Engineering Department and will report to Ryan.

Ryan's new responsibilities will include designing mechanical systems for fusion, Advanced Isotope Separation, and Engineering Technology and Nuclear Safety programs. A native of Chattanooga, he received his BS degree in mechanical engineering from the University of Tennessee and is registered as a professional engineer.

Ryan, who joined the Nuclear Division in 1976, has served as the principal engineer for the Large Coil Test Facility and as head of the Mechanical Engineering Fusion Technology Department.

Ryan and his wife, Glenda, have two daughters and a son. They live on Farragut Hills Boulevard in Knoxville.

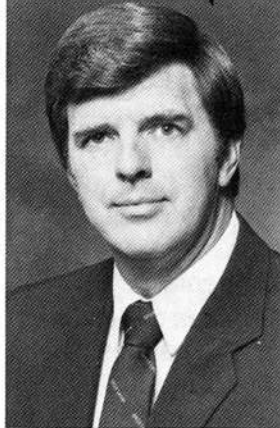
Queen is a native of Greenville, S.C. He received his bachelor's degree in mechanical engineering from Tennessee Technological

Y-12 216091



Ryan

Y-12 215994



Queen

University and is a registered professional engineer.

Queen joined Union Carbide in 1975. Prior to his appointment as department head, he served as principal engineer on several fusion-related projects. Most recently he was involved in the design and construction of the Large Coil Test Facility and served as head of the magnet system section, Fusion Technology Engineering Department.

Recent Retirements

Pad. 8566



Clovis R. Copeland
Maintenance
Paducah
25 years service

Pad. 8576



Joe E. Hargrove
Maintenance
Paducah
31 years service

N83-165



Roy L. Chrisman
Maintenance
Y-12
33 years service

N83-166



Ralph H. Allen
Security, Plant Protection
and Utilities
Y-12
29 years service

N83-167



Joseph E. Webber
Finance, Materials
and Services
Y-12
31 years service

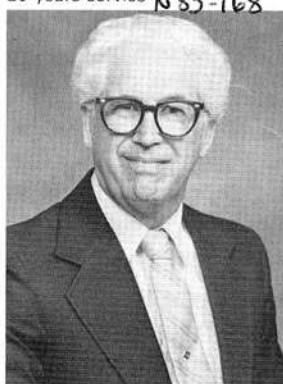
N83-186



James T. Forrester
Fabrication
Y-12
25 years service



William H. Holbert Sr.
Industrial Engineering
Y-12
27 years service



Roy K. Holbert
Maintenance
Y-12
30 years service



Philip S. Lewis Jr.
Development
Y-12
42 years service



Thelma P. Kappelmann
Industrial Engineering
Y-12
13 years service

Handicapped awareness activities conducted

Handicapped Awareness Week is being observed throughout the Nuclear Division October 16-22. Division activities were to include presentations by area resource persons, workshops and awards ceremonies.

ORNL events

Special ORNL events were to include a seminar on visual impairment, with emphasis on the causes of blindness and other types of impairment and the community services available to the visually impaired. Another session was to focus on epilepsy, its causes and its effects on both victims and family members.

ORGDP activities were to center on a presentation on hiring and accommodating handicapped employees, while Paducah plant employees were to view the film, "A Different Approach," which examines methods of interaction with handicapped co-workers.

Y-12 Plant observance

The Y-12 Plant observance is set for Monday, October 24 and will include a workshop presentation by Marcia Riley Elliot, a Knoxville consultant, on encouraging employment of the handicapped. The event, scheduled for 2 p.m. in the Y-12 Cafeteria Conference Room, also will include the presentation of awards to a Y-12 division, two sections and five individuals who have made significant contributions to the handicapped-employment program. An award is to be presented to Richard E. Crowe of the Y-12 Employee Relations Division, who has been selected as the Plant's Handicapped Employee of the Year.

Standard Time change to occur October 30

The change from Daylight Savings Time to Standard Time will occur at 2 a.m., Sunday, October 30. All time clocks will be set back one hour, and all other clocks should also be adjusted.

All Nuclear Division employees who are at work during the conversion will end their shifts at their usual clock time on Standard Time rather than Daylight Savings Time.



AT UCRA PICNIC-- This "groovy grampa" was among the hundreds of Nuclear Division retirees who enjoyed the recent UCRA fall reunion/picnic. For more about the picnic, see the retirees' column in the next issue of *Nuclear Division News*.

UCC plans chemical transport venture

Union Carbide Corporation and Marine Transport Lines of New York City have announced the establishment of the Union Marine Transport Company (UMT), a joint venture with a fleet of three vessels for transporting liquid bulk chemicals between U.S. ports.

UMT will transport a wide variety of bulk chemicals between U.S. ports for Union Carbide and others on both long-term contracts and spot charters. The firm's fleet includes the SS *Chemical Pioneer*, a chemical carrier recently delivered to UMT by Newport News Shipbuilding, Newport News, Va.; the chemical

tanker SS *Alaskan*, and the ocean-going chemical barge *Jo Anne*.

UMT is owned equally by Chemicals Marine Fleet, Inc., a subsidiary of Union Carbide, and by Marine Chemical Steamship Co., Inc., a subsidiary of Marine Transport Lines. UMT's fleet of vessels is operated by Marine Transport Management, Inc., a subsidiary of Marine Transport Lines. Another Marine Transport Lines' subsidiary, Marine Chemical Trading, Inc., is marketing the services of the fleet in excess of UMT's commitments to Union Carbide.

Safety Scoreboard

SAFETY TIP: To help prevent hand and finger injuries, never attempt to grab heavy falling objects after they have begun to fall.

Time worked without a lost-time accident through October 13:

Y-12 Plant	184 Days	6,998,000 Employee-Hours
ORGDP	150 Days	3,215,000 Employee-Hours
ORNL	78 Days	1,733,813 Employee-Hours
Paducah	1,171 Days	9,209,662 Employee-Hours

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